

A METHOD AND SYSTEM OF AUTOMATIC DELAY DETECTION AND RECEIVER  
ADJUSTMENT FOR SYNCHRONOUS BUS INTERFACE

ABSTRACT OF THE DISCLOSURE

**[0001]** An automatic delay detection and receiver adjustment method for a synchronous communications bus system sends a test pattern to the receivers of the system during a detection phase, uses the test pattern to determine a longest delay time for each bus line, and adjusts a receiver for each bit line to receive incoming signals at a time based on the determined longest delay time.